Service Manual
Speaker System

SB-EH560
SB-EH760
System No. SC-EH560 & SC-EH760

Colour
(S).........Silver Type
Area
(E).........Europe.

Specification

SB-EH560
Type: 3 way, 3 speakers
Speakers
Super woofer: 14cm cone type
Woofer: 12cm cone type
Tweeter: 6cm cone type
Impedance:
- High 6Ω
- Mid 6Ω
- Low 6Ω
Input power (Music):
- High 40W
- Mid 40W
- Low 70W
Output sound pressure level: 84dB/W (1.0m)
Crossover frequency: 150Hz, 4kHz
Frequency range: 46Hz - 22kHz (-16dB)
50Hz - 20kHz (-10dB)
Dimensions (WxHxD): 254x422x260 mm
Mass: 6.0 kg

SB-EH760
Type: 3 way, 3 speakers
Speakers
Super woofer: 17cm cone type
Woofer: 12cm cone type
Tweeter: 6cm ring shaped dome type
Impedance:
- High 6Ω
- Mid 6Ω
- Low 8Ω
Input power (Music):
- High 60W
- Mid 60W
- Low 120W
Output sound pressure level: 87dB/W (1.0m)
Crossover frequency: 120Hz, 4kHz
Frequency range: 42Hz - 50kHz (-16dB)
46Hz - 36kHz (-10dB)
Dimensions (WxHxD): 254x422x260mm
Mass: 6.4kg

Notes:
Specifications are subject to change without notice.
Weight and dimensions are approximate.

⚠️ WARNING
This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Schematic Diagram

1. SB-EH560

```
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<tr>
<th>INPUT(HIGH)</th>
<th>Black</th>
<th>Blue</th>
<th>Black</th>
<th>Red</th>
<th>White</th>
<th>Gray</th>
</tr>
</thead>
</table>
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- Tweeter(SP3) 6cm Dome
- Woofer(SP2) 12cm Cone
- Super Woofer (SP1) 14cm Cone

2. SB-EH760

```
<table>
<thead>
<tr>
<th>INPUT(HIGH)</th>
<th>Black</th>
<th>Blue</th>
<th>Black</th>
<th>Red</th>
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```

- Tweeter(SP3) 6cm Dome
- Woofer(SP2) 12cm Cone
- Super Woofer (SP1) 17cm Cone
2 DISASSEMBLY INSTRUCTIONS

2.1. Removal of the speaker (Super woofer)

(Step 2) Remove the speaker net ass'y.

(Step 2) Remove the 4 net catch gums.

- Removal of the net catch gum

1. Insert the plus screwdriver or similar tool into net catch gum, push in slightly in the direction of arrow (1) to avoid scratching, the cabinet ass'y and lift in the direction of arrow (2).
2. After lifting the net catch gum, grasp it with your finger and remove in the direction of arrow (3).

(Step 3) a x 4

(Step 4) Remove the woofer ring ass'y.

(Step 5) b x 4

(Step 6) Remove the front panel ass'y.

(Step 7) c x 4

(Step 8) Lift up the speaker (Super woofer).
2.2. Removal of the speaker (Woofer)

- Follow the (Step 1) - (Step 6) of item 2.1.

(Step 1)
Remove the speaker lead wires, and then remove the speaker (Super woofer).

Speaker (Super woofer)

Speaker lead wire (Red)

Speaker lead wire (Black)

(Step 2)
Lift up the speaker (Woofer).

(Step 3)
Remove the speaker lead wires, and then remove the speaker (Woofer).

Speaker (Woofer)

Speaker lead wire (Black)

Speaker lead wire (Blue)

2.3. Removal of the speaker (Tweeter)

- Follow the (Step 1) - (Step 6) of item 2.1.

(Step 1)

(Step 2)
Lift up the speaker (Tweeter).

(Step 3)
Remove the speaker lead wires, and then remove the speaker (Tweeter).

Speaker (Tweeter)

Speaker lead wire (White)

Speaker lead wire (Black)
2.4. Removal of the terminal board

- Follow the (Step 1) - (Step 9) of item 2.1.
- Follow the (Step 1) - (Step 3) of item 2.2.
- Follow the (Step 1) - (Step 3) of item 2.3.

(Step 1)
Cut the melted bosses (2 points) off with similar tool like a knife.

(Step 2)
After replacing the parts, melt the 2 spare bosses with solder iron.

(Step 3)
Remove the cavity cover.

(Step 4)
Remove the cord bushing.

(Step 5)
Remove the packing.

(Step 6)
Remove the back cavity.

(Step 7)

(Step 8)
Remove the terminal board.
### 3 Replacement Parts List

#### 3.1. SB-EH560

Note: All parts are supplied by MAES.

<table>
<thead>
<tr>
<th>Ref.No.</th>
<th>Part No.</th>
<th>Part Name &amp; Description</th>
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<th>Remarks</th>
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### 3.2. SB-EH760

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5 Packaging